



PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/038,102		
		Filing Date	January 2, 2002		
		First Named Inventor	Jian Chen		
		Art Unit	754 2812		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	3	Attorney Docket Number	50767/P037US/10112692

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
lm	A	5,482,601	01/09/1996	Ohshima et al.	
lm	B	5,753,088	05/19/1998	Oik	

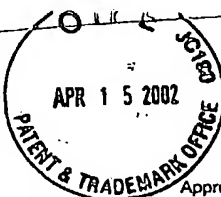
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (If known)				

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART—NON-PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
lm	C	CHEN, JIAN et al., "Room-Temperature Assembly of Directional Carbon Nanotube Strings," <i>J. Am. Chem. Soc.</i> , 124, 758-759 (2002)..				
	D	IIJIMA, SUMIO et al., "Structural flexibility of carbon nanotubes," <i>J. Chem. Phys.</i> 104 (5) 1996, 2089-2092.				
	E	MARTEL, RICHARD et al., "Rings of single-walled carbon nanotubes," <i>NATURE</i> , Vol. 398, 1999, 299.				
	F	FRANKLIN, NATHAN et al., "An Enhanced CVD Approach to Extensive Nanotube Networks with Directionality." <i>Adv. Mater.</i> 2000 12, 890-894.				
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	I	BAHR, JEFFREY L. et al., "Dissolution of small diameter single-wall carbon nanotubes in organic solvents?" <i>Chem. Commun.</i> , 2001, 193-194.				
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	N	AUSMAN, KEVIN D. et al., "Organic Solvent Dispersions of Single-Walled Carbon Nanotubes: toward Solutions of Pristine Nanotubes," <i>J. Phys. Chem B</i> 2000, 104, 8911-8915.				

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Substitute for form 1449B/PTO		C m p l t e l f K n w n	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/038,102
		Filing Date	January 2, 2002
		First Named Inventor	Jian Chen
		Group Art Unit	1754 2812
		Examiner Name	Not Yet Assigned
Sheet 2 of 3	Attorney Docket Number	50767/P037US/10112692	

dm	O	DALTON, A.B. et al., "Selective Interaction of a Semiconjugated Organic Polymer with Single-Wall Nanotubes," <i>J. Phys. Chem. B</i> 2000, 104, 10012-10016.
	P	STAR, ALEXANDER et al., "Preparation and Properties of Polymer-Wrapped single-Walled Carbon Nanotubes," <i>Angew. Chem. Int. Ed.</i> 2001, 40, 1721-1725.
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	AA	DERYCKE, V. et al., "Carbon-Nanotube Inter- and Intramolecular Logic Gates," <i>Nano Lett.</i> 2001, 1, 453-456.
	BB	BACHTOLD, ADRIAN et al., "Logic Circuits with Carbon Nanotube Transistors," <i>Science</i> 2001, 294, 1317-1320.
	CC	BANHART, FLORIAN, "The Formation of a Connection between Carbon Nanotubes in an Electron Beam," <i>Nano Lett.</i> 2001, 1, 329-332.
	DD	TANG, Z.K. et al., "Superconductivity in 4 Angstrom Single-Walled Carbon Nanotubes," <i>Science</i> 2001, 2462-2465.
	EE	COLLINS, PHILIP G. et al., "Engineering Carbon Nanotubes and Nanotube Circuits Using Electrical Breakdown," <i>Science</i> 2001, 292, 706-709.
	FF	KIM, ENOCH et al., "Micromolding in Capillaries: Applications in Materials Science," <i>J. Am. Chem. Soc.</i> 1996, 118, 5722-5731.
	GG	MESSER, BENJAMIN et al., "Microchannel Networks for Nanowire Patterning," <i>J. Am. Chem. Soc.</i> 2000, 122, 10232-10233.
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	II	YAKOBSON, BORIS et al., "Fullerene Nanotubes: C _{1,000,000} and Beyond," <i>Amer. Scientist</i> , 1997, 85, 324-337.
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	LL	JOURNET, C. et al., "Production of carbon nanotubes," <i>Appl. Phys. A</i> 1998, 67, 1-9.
✓	MM	NIKOLAEV, PAVEL et al., "Gas-phase catalytic growth of single-walled carbon nanotubes from carbon monoxide," <i>Chem. Phys. Lett.</i> 1999 313, 91-97.

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✓	NN	FRANKLIN, Nathan R. et al., "An Enhanced CVD Approach to Extensive Nanotube Networks with Directionality," <i>Adv. Mater.</i> 2000, 12, 890-894.	
	OO	DRESSELHAUS, M.S. et al., <i>Science of Fullerenes and Carbon Nanotubes</i> , 1996, San Diego: Academic Press, 901-906.	
	PP	MATTSON, MARK P. et al., "Molecular Functionalization of Carbon Nanotubes and Use as Substrates for Neuronal Growth," <i>J. Molecular Neuroscience</i> , 2000, 14, 175-182	
↓	QQ	GERDES, S. et al., "Combining a carbon nanotube on a flat metal-insulator-metal nanojunction," <i>Europhys. Lett.</i> 1999 48 (3) 292-298.	

Examiner Signature		Date Considered	6-29-4
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/038,102
Filing Date	January 2, 2002
First Named Inventor	Jian Chen
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U.S. PATENT DOCUMENTS

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lm	BA	-WO 01/30694 A1-	05-03-2001	William Marsh Rice University		
lm	BB	-WO 01/57917 A2-	08-09-2001	Xidex Corporation		

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NON PATENT LITERATURE DOCUMENTS

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lm	CA	Li, J. et al., "Highly-Ordered Carbon Nanotube Arrays For Electronics Applications," Applied Physics Letters, American Institute of Physics, New York, US, vol. 75, No. 3, pp. 367-369, July 19, 1999	
lm	CB	Hornyak, G.L., et al., "Template Synthesis of Carbon Nanotubes," Nanostructured Materials, Elsevier, New York, New York, US, vol. 12, No. 1-4, pp. 83-88, 1999	
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